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CLMPTO

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CLAIMS 1-48 CANCELLED

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A convergence system, comprising:

an information handling system for providing a notification to a user of selected events occurring within the information handling system, the information handling system comprising:

a display for displaying a user interface, the user interface capable of displaying a notification representing at least one event occurring in the system;

an auxiliary memory containing software that includes at least one message source for detecting an event occurring in an application and generating a message containing selected information about the event; a message dispatch engine for filtering, queuing, and dispatching the at least one message and generating a notification of the event to a user, the message dispatch engine adapted to accept an action by the user through the user interface; and at least one message sink for receiving the message from the message dispatch engine and communicating the action to the application whereupon the application executes the action;

a main memory for executing the software loaded from the auxiliary memory; and

a processor for running the software and generating the user interface for the display,

wherein the information handling system is capable of integrating multiple information and entertainment media.

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~~51~~. The convergence system of Claim ~~50~~⁴⁹, further comprising at least one peripheral device controlled by the information handling system.

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~~52~~. The convergence system of Claim ~~51~~⁵⁰, wherein the at least one peripheral device includes an interactive entertainment apparatus.

⁵²
~~53~~. The convergence system of Claim ~~52~~⁵¹, wherein the at least one peripheral device includes a compact disk player.

⁵³
~~54~~. The convergence system of Claim ~~53~~⁵², wherein the at least one peripheral device includes a digital versatile disk device.

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~~55~~. The convergence system of Claim ~~50~~⁴⁹, wherein the multiple information and entertainment media includes television, telephony, Internet, e-mail, and interactive gaming in a single platform.

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~~56~~. The convergence system of Claim ~~50~~⁴⁹, wherein the at least one message source comprises at least one dynamic-link library file.

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~~57~~. The convergence system of Claim ~~50~~⁴⁹, wherein when a message source of the at least one message source detects an event, that message source routes a message to the message dispatch engine.

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~~58~~. The convergence system of Claim ⁴⁹~~50~~, wherein a structure of each message source of the at least one message source is determined by an application generating an events.

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~~59~~. The convergence system of Claim ⁵⁷~~58~~, wherein the at least one message source includes multiple message sources, a portion of the multiple message sources are application programming interfaces (APIs).

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~~60~~. The convergence system of Claim ⁵⁶~~57~~, wherein, upon receipt of the message, the message dispatch engine generates a notification.

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~~61~~. The convergence system of Claim ⁵⁹~~60~~, wherein the notification includes an on-screen representation of the message.

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~~62~~. The convergence system of Claim ⁶⁰~~61~~, wherein the on-screen representation of the message includes an icon area.

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~~63~~. The convergence system of Claim ⁶¹~~62~~, wherein the on-screen representation of the message also includes a banner area that is displayed when the user moves a cursor into the icon area.

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⁶³
~~64~~. The convergence system of Claim ~~50~~⁴⁹, wherein the user interface includes an event selection screen that allows the user to select events from a list of all events capable of being monitored by the convergence system.

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~~65~~. The convergence system of Claim ~~64~~⁶³, wherein the user interface permits the user to prioritize the selected events.

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~~66~~. The convergence system of Claim ~~64~~⁶³, the user interface includes a default list of events with their corresponding priority.

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~~67~~. The convergence system of Claim ~~50~~⁴⁹, further comprising an input output system that provides information to the processor.

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~~68~~. The convergence system of Claim ~~67~~⁶⁶, further comprising a compact disk read only memory (CD-ROM) player coupled to the information handling system through the input output system.

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~~69~~. The convergence system of Claim ~~68~~⁶⁷, further comprising a digital versatile disk (DVD) player coupled to the information handling system through the input output system.

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~~70~~. The convergence system of Claim ⁶⁸~~69~~, further comprising an interactive entertainment apparatus coupled to the information handling system through the input output system.

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~~71~~. The convergence system of Claim ⁶⁹~~70~~, further comprising audio equipment coupled to the information handling system through the input output system.

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A method for notifying a user of events in a convergence system that includes an information handling system, comprising:

monitoring the convergence system for events;

generating a message upon the occurrence of an event, wherein the message includes selected information relating to the event;

notifying the user of the event via a notification displayed by a user interface, wherein the notification is generated using the selected information included in the message,

wherein the information handling system is capable of integrating multiple information and entertainment media.

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The method of Claim 72, further comprising queuing the message.

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The method of Claim 72, wherein notifying comprises displaying an icon within the user interface.

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The method of Claim 74, wherein notifying further comprises displaying banner containing information provided by the message, the banner being selectively displayed with the user interface.

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The method of Claim 72, further comprising accepting an action by the user.

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The method of Claim 76, wherein accepting comprises selecting the notification.

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The method of Claim 76, further comprising communicating the action to an application wherein the application executes the action.

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The method of Claim 76, further comprising removing the notification from the user interface.